

Flood Control Project Maintenance
2008 Structure Summary Report
Overall Unit and Item Ratings

Sacramento Maintenance Yard

Cache Creek Setting Basin Weir And Drainage Structure

Overall Unit Rating	Rated Item	Item Rating
A	Vegetation & Obstructions	A
	Revetments	A
	Sluice/Slide Gates	A
	Concrete Surfaces	A
	Security Fencing	A
	Closure Structures	A

Fremont Weir

Overall Unit Rating	Rated Item	Item Rating
A	Vegetation & Obstructions	A
	Revetments	A
	Concrete Surfaces	A
	Other Metallic Items	A

Knights Landing Outfall Structure

Overall Unit Rating	Rated Item	Item Rating
A	Erosion Areas	A
	Metal Pipes	A
	Flap Gates	A
	Sluice/Slide Gates	A
	Electric Gate Operators	A
	Manual Operations	A
	Concrete Surfaces	A
	Security Fencing	A
	Trash Rakes	A

Sacramento Weir

Overall Unit Rating	Rated Item	Item Rating
A	Vegetation & Obstructions	A
	Manual Operations	A
	Concrete Surfaces	A

Flood Control Project Maintenance

Unit Cover Sheet

2008 Structure Inspection Results

Sacramento Maintenance Yard

Structure
Cache Creek Setting Basin Weir And Drainage Structure

Date of Inspection	7/17/2008
DWR Inspector	John Williamson
Structure Rating	A

Flood Control Project Maintenance

Inspection Report - Structure 2008

Sacramento Maintenance Yard

Structure						Inspection Date	Inspector	
Cache Creek Setting Basin Weir And Drainage Structure						07/17/2008	John Williamson	
RptLine	Category	Item	Location *	Rating **	Comment	GPS	Photo	Issue
1	Structures & Concrete Lined Channels	Vegetation & Obstructions		A	no vegetation and debris around the intake structure has been cleared	° °		1
2	Structures & Concrete Lined Channels	Revetments		A	rip rap is in good condition sheep grazing keeping vegetation clear	° °		2
3	Structures & Concrete Lined Channels	Sluice/Slide Gates		A	appear in good condition operate manually as necessary	° °		3
4	Structures & Concrete Lined Channels	Concrete Surfaces		A	all concrete surfaces in good condition	° °	Y	5
5	Structures & Concrete Lined Channels	Security Fencing		A	fencing around outlet structure maintained properly	° °		4
6	Structures & Concrete Lined Channels	Closure Structures		A	closure structure is safe and locked appears to be in good condition	° °		6

* Location

LS : Land Side
WS : Water Side
CR : Crown

** Rating

A : Acceptable
M : Minimally Acceptable
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PO : Partially Obstructing
CO : Completely Obstructing
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Flood Control Project Maintenance

Inspection Report - Structure 2008

Sacramento Maintenance Yard

Structure	Inspection Date	Inspector
Cache Creek Setting Basin Weir And Drainage Structure	07/17/2008	John Williamson

Report Line	4
Location	
Category	Structures & Concrete Lined Channels
Item	Concrete Surfaces
View of Cache Weir and stilling basin rip rap on north side GPS center of weir 38.68457 - 121.67326	



Report Line	4
Location	
Category	Structures & Concrete Lined Channels
Item	Concrete Surfaces
View of low flow inlet structure located southeast corner of settling basin closure gates upper right corner of picture GPS at gates on levee 38.67844 -121.67294	



Report Line	4
Location	
Category	Structures & Concrete Lined Channels
Item	Concrete Surfaces
View of outlet of low flow channel	



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Flood Control Project Maintenance

Unit Cover Sheet

2008 Structure Inspection Results

Sacramento Maintenance Yard

Structure
Fremont Weir

Date of Inspection	7/17/2008
DWR Inspector	John Williamson
Structure Rating	A

Flood Control Project Maintenance

Inspection Report - Structure 2008

Sacramento Maintenance Yard

Structure					Inspection Date	Inspector		
Fremont Weir					07/17/2008	John Williamson		
Rpt Line	Category	Item	Location *	Rating **	Comment	GPS	Photo	Issue
1	Structures & Concrete Lined Channels	Vegetation & Obstructions		A	Remove debris and vegetation fromstilling basin prior to flood season	°		1
2	Structures & Concrete Lined Channels	Revetments		A	revetment is in good condition	°		2
3	Structures & Concrete Lined Channels	Concrete Surfaces		A	some cracks and spalling exist on the weir and in the stilling basin GPS point abutment East Levee Yolo Bypass 38.76501 -121.63543	°	Y	3
4	Structures & Concrete Lined Channels	Concrete Surfaces		A	crack on downstream of the right (north) abutment and the two cracks at Rattlesnake Island abutment right side (north) have not changed	°		4
5	Structures & Concrete Lined Channels	Other Metallic Items		A	gauging house and walkways are in good condition new station at north end of weir	°		5

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Inspection Report - Structure 2008

Sacramento Maintenance Yard

Structure	Inspection Date	Inspector
Fremont Weir	07/17/2008	John Williamson

Report Line	3
Location	
Category	Structures & Concrete Lined Channels
Item	Concrete Surfaces

View of weir and stilling basin from abutment unit
1GPS 38.75907 -121.66541



Report Line	3
Location	
Category	Structures & Concrete Lined Channels
Item	Concrete Surfaces

View from fish ladder looking west GPS
38.76424 -121.64689



Report Line	3
Location	
Category	Structures & Concrete Lined Channels
Item	Concrete Surfaces

View from fish ladder looking east



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Inspection Report - Structure 2008

Sacramento Maintenance Yard

Structure	Inspection Date	Inspector
Fremont Weir	07/17/2008	John Williamson

Report Line	3
Location	
Category	Structures & Concrete Lined Channels
Item	Concrete Surfaces

View looking west from abutment East Levee
Yolo Bypass



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2008 Structure Inspection Results

Sacramento Maintenance Yard

Structure
Knights Landing Outfall Structure

Date of Inspection	7/17/2008
DWR Inspector	John Williamson
Structure Rating	A

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Inspection Report - Structure 2008

Sacramento Maintenance Yard

Structure	Inspection Date	Inspector
Knights Landing Outfall Structure	07/17/2008	John Williamson

Rpt Line	Category	Item	Location *	Rating **	Comment	GPS	Photo	Issue
1	Structures & Concrete Lined Channels	Erosion Areas		A	condition of fill from bulkheads to levee has no eroision			10
2	Structures & Concrete Lined Channels	Metal Pipes		A				3
3	Structures & Concrete Lined Channels	Flap Gates		A				4
4	Structures & Concrete Lined Channels	Sluice/Slide Gates		A				7
5	Structures & Concrete Lined Channels	Electric Gate Operators		A				5
6	Structures & Concrete Lined Channels	Manual Operations		A				6
7	Structures & Concrete Lined Channels	Concrete Surfaces		A	condition of bulkhead vertical crack downstream side, left bank has not changed. Horizontal crack on the upstream left bulkhead			2
8	Structures & Concrete Lined Channels	Concrete Surfaces		A	GPS south side of structure 38.79932 -121.72491			1
9	Structures & Concrete Lined Channels	Concrete Surfaces		A	Gps point taken from the north side of structure 38.79960 -121.72522 control and storage buildings in good shape			11
10	Structures & Concrete Lined Channels	Security Fencing		A				8
11	Structures & Concrete Lined Channels	Trash Rakes		A	The trash rake is a log boom with debris against it minimal			9

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Inspection Report - Structure 2008

Sacramento Maintenance Yard

Structure	Inspection Date	Inspector
Knights Landing Outfall Structure	07/17/2008	John Williamson

Report Line	3
Location	
Category	Structures & Concrete Lined Channels
Item	Flap Gates

Downstream side of the structure from right bank



Report Line	3
Location	
Category	Structures & Concrete Lined Channels
Item	Flap Gates

Downstream side view from left bank



Report Line	11
Location	
Category	Structures & Concrete Lined Channels
Item	Trash Rakes

Upstream side of structure from right bank log boom in place



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2008 Structure Inspection Results

Sacramento Maintenance Yard

Structure
Sacramento Weir

Date of Inspection	7/17/2008
DWR Inspector	John Williamson
Structure Rating	A

Flood Control Project Maintenance

Inspection Report - Structure 2008

Sacramento Maintenance Yard

Structure	Inspection Date	Inspector
Sacramento Weir	07/17/2008	John Williamson

Rpt Line	Category	Item	Location *	Rating **	Comment	GPS	Photo	Issue
1	Structures & Concrete Lined Channels	Vegetation & Obstructions		A	There is no vegetation and no debris in the spilling basin	°		1
2	Structures & Concrete Lined Channels	Manual Operations		A	needle boards, batting and hinges aare in good condition. Metal stop logs cables and clamps are in good condition. Sacramento Maintenance Yard does an annual inspections and repair before flood season. Tripping mechanism are locked and working.	°		2
3	Structures & Concrete Lined Channels	Concrete Surfaces		A	concrete weir,stilling basin and bulkheads are in good condition minor spalling and scaling monitor and repair as necessary.	°	Y	3

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Report Line	3
Location	
Category	Structures & Concrete Lined Channels
Item	Concrete Surfaces

View of weir and stilling basin downstream side north end GPS 38.60718 -121.56005 center point
GPS 38.60466 -121.55733



Report Line	3
Location	
Category	Structures & Concrete Lined Channels
Item	Concrete Surfaces

View of weir and stilling basin south end GPS 38.60281 -121.55577



Report Line	3
Location	
Category	Structures & Concrete Lined Channels
Item	Concrete Surfaces

southend looking north upstream side of weir



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